

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (currently amended) A three-piece golf ball comprising:

a core comprising a center;

a cover having an outer surface with a Shore D hardness in the range of about 63 Shore D to about 69 Shore D; and

a plurality of dimples arranged on the outer surface, with a first pattern of dimples associated with each pentagon, a second pattern of dimples associated with each square, and a third pattern of dimples associated with each triangle.

Claim 2. (previously presented) The golf ball of claim 1 wherein the center has a diameter in the range of about 1.34 to about 1.37 inches.

Claim 3. (original) The golf ball of claim 1 wherein the core has a weight in the range of about 34.5 grams to 35.5 grams.

Claim 4. (currently amended) The golf ball of claim 1 wherein the core has a compression in the range of about 60 PGA to about 80 PGA.

Claim 5. (original) The golf ball of claim 1 wherein the core has a diameter in the range of about 1.555 inches to about 1.575 inches.

Claim 6. (previously presented) The golf ball of claim 1 wherein the cover comprises a blend of a high resilience ionomer and a very low modulus ionomer and wherein the very low modulus ionomer is a terpolymer of n-butyl acrylate, and methacrylic acid.

Claim 7. (currently amended) The golf ball of claim 1 wherein the cover has a thickness [[of]] in the range of about 0.052 inches to about 0.063 inches.

Claim 8. (original) The golf ball of claim 1 wherein the outer surface comprises a plurality of dimples arranged on the outer surface to form a dimple pattern, the plurality of dimples including

a first set of dimples, with each dimple in the first set having a single radius cross section;

a second set of dimples, with each dimple in the second set having a dual radius cross section; and

a third set of dimples, with each dimple in the third set having a single radius cross section.

Claim 9. (previously presented) The golf ball of claim 8 wherein

the dimples in the first set of dimples have a diameter in the range of 0.150 inches to 0.160 inches;

the dimples in the second set of dimples have a diameter in the range of 0.140 inches to 0.150 inches; and

the dimples in the third set of dimples have a diameter in the range of 0.135 inches to 0.145 inches.

Claim 10. (previously presented) The golf ball of claim 8 wherein

the dimples in the first set of dimples have a major radius in the range of 0.34 inches to 0.80 inches;

the dimples in the second set of dimples have a major radius in the range of 0.41 inches to 0.80 inches; and a minor radius in the range of 0.10 inches to 0.12 inches; and

the dimples in the third set of dimples have a major radius in the range of 0.34 inches to 0.80 inches.

Claim 11. (original) The golf ball of claim 8 wherein the outer surface is divided into a plurality of polygonal configurations which includes pentagons, squares and triangles, wherein a first pattern of dimples is associated with each pentagon, a second pattern of dimples is associated with each square, and a third pattern of dimples is associated with each triangle.

Claim 12. (original) The golf ball of claim 8 wherein the dimples in the first set of dimples have a different size than the dimples in the third set of dimples.

Claim 13. (original) The golf ball of claim 8 wherein the outer surface is divided into a polyhedron defined as a rhombicosadodecahedron and dimples are arranged using that pattern.

Claim 14. (original) The golf ball of claim 8 wherein [[the]] a total number of dimples is at least 402.

Claims 15-25 (canceled)

Claim 26. (currently amended) A three-piece golf ball comprising:

a core comprising a center and a thread layer wound in an open winding pattern, wherein said center has a compression in the range of about 60 PGA to 80 PGA;

an ionomer cover blend having an outer surface with a Shore D hardness in the range of about 63 Shore D to about 69 Shore D; and

a plurality of dimples arranged on the outer surface, with a first pattern of dimples associated with each pentagon, a second pattern of dimples associated with each square, and a third pattern of dimples associated with each triangle.

Claim 27. (previously presented) The golf ball of claim 26 wherein the blend further comprises:

- a high modulus ionomer;
- a low modulus ionomer; and,
- a terpolymer.

Claim 28. (previously presented) The golf ball of claim 27 wherein the dimples in the first set of dimples have a diameter in the range of 0.150 inches to 0.160 inches;

the dimples in the second set of dimples have a diameter in the range of 0.140 inches to 0.150 inches; and

the dimples in the third set of dimples have a diameter in the range of 0.135 inches to 0.145 inches.

Claim 29. (previously presented) The golf ball of claim 27 wherein the dimples in the first set of dimples have a major radius in the range of 0.34 inches to 0.80 inches;

the dimples in the second set of dimples have a major radius in the range of 0.41 inches to 0.80 inches; and a minor radius in the range of 0.10 inches to 0.12 inches; and

the dimples in the third set of dimples have a major radius in the range of 0.34 inches to 0.80 inches.

Claim 30. (currently amended) A three-piece golf ball comprising:

a core comprising a center and a layer having a weight in the range of about 27.5 grams to 28.5 grams, and ~~wherein~~ said a thread windings layer ~~[[has]]~~ having at least one thread with an unstressed thread dimension of about 0.020 inches to 0.028 inches;

a cover having an outer surface with a Shore D hardness in the range of about 63 Shore D to about 69 Shore D; and

a plurality of dimples arranged on the outer surface, with a first pattern of dimples associated with each pentagon, a second pattern of dimples associated with each square, and a third pattern of dimples associated with each triangle.

Claim 31. (previously presented) The golf ball of claim 30 wherein the outer surface is divided into a polyhedron defined as a rhombicosadodecahedron and dimples are arranged using that pattern.

Claim 32. (previously presented) The golf ball of claim 30 wherein the thread has a 500% modulus between 220 to 280 p.s.i.

Claim 33. (previously presented) The golf ball of claim 30 wherein the dimples in the first set of dimples have a diameter in the range of 0.150 inches to 0.160 inches;

the dimples in the second set of dimples have a diameter in the range of 0.140 inches to 0.150 inches; and

the dimples in the third set of dimples have a diameter in the range of 0.135 inches to 0.145 inches.

Claim 34. (previously presented) The golf ball of claim 30 wherein the dimples in the first set of dimples have a major radius in the range of 0.34 inches to 0.80 inches;

the dimples in the second set of dimples have a major radius in the range of 0.41 inches to 0.80 inches; and a minor radius in the range of 0.10 inches to 0.12 inches; and

the dimples in the third set of dimples have a major radius in the range of 0.34 inches to 0.80 inches.

Claim 35. (canceled)